

*Speed/ass. dialing*

a telephone number database comprising

~~X~~ dialing rules; and

a caller interface, in communication with a calling party and the area code processor,  
having

means for monitoring call initiation signals,

means, responsive to the monitoring means, for receiving called party  
information, and

means, responsive to the producing means, for selecting a target  
telephone number from the list of telephone numbers.

*a!*  
*cont*  
12. (Amended) An apparatus for processing telephone numbers, comprising:

an area code processor having

means, responsive to called party information, for producing a list of  
telephone numbers, comprising

a telephone number database comprising

a calling party dialing list; and

a caller interface, in communication with a calling party and the area code processor,  
having

means for monitoring call initiation signals,

means, responsive to the monitoring means, for receiving called party  
information, and

means, responsive to the producing means, for selecting a target  
telephone number from the list of telephone numbers.

13. (Amended) An apparatus for processing telephone numbers, comprising:

an area code processor having

means, responsive to called party information, for producing a list of  
telephone numbers;

a caller interface, in communication with a calling party and the area code processor,  
having

means for monitoring call initiation signals,

means, responsive to the monitoring means, for receiving called party  
information, and

means, responsive to the producing means, for selecting a target

telephone number from the list of telephone numbers; and

means for associating identification information with the calling party.

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16. (Amended) An apparatus for processing telephone numbers, comprising:

an area code processor having

means, responsive to called party information, for producing a list of  
telephone numbers, the list-producing means comprising

a telephone number database comprising

any of information on valid area codes, information on the

geographical areas associated with valid area codes,

information on valid exchanges within valid area codes, and

information on geographical areas associated with valid

exchanges; and

a caller interface, in communication with a calling party and the area code processor,

having

means for monitoring call initiation signals,

means, responsive to the monitoring means, for receiving called party

information, and

means, responsive to the producing means, for selecting a target

telephone number from the list of telephone numbers.

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23. (Amended) An apparatus for processing telephone numbers, comprising:

an area code processor, and

a caller interface, in communication with a calling party and the area code processor, having

means for monitoring call initiation signals, and

means, responsive to the monitoring means, for receiving called party

information and calling party identification information,

wherein the area code processor comprises means, responsive to the called

party identification information, for producing a target telephone

number.

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47. (Amended) A method for processing telephone numbers, comprising the steps of:

monitoring call initiation signals from a calling party;

receiving, responsive to the monitoring step, called party information;

producing, responsive to the called party information, a list of telephone numbers,  
comprising the use of a telephone number database,

wherein the telephone number database comprises dialing rules; and

selecting, responsive to the producing step, a target telephone number from the list of  
telephone numbers.

48. (Amended) A method for processing telephone numbers, comprising the steps of:

monitoring call initiation signals from a calling party;

receiving, responsive to the monitoring step, called party information;

producing, responsive to the called party information, a list of telephone numbers,

comprising the use of a telephone number database,

wherein the telephone number database comprises a calling party dialing list;

and

selecting, responsive to the producing step, a target telephone number from the list of  
telephone numbers.

49. (Amended) A method for processing telephone numbers, comprising the steps of:

monitoring call initiation signals from a calling party;

receiving, responsive to the monitoring step, called party information;

producing, responsive to the called party information, a list of telephone numbers;

selecting, responsive to the producing step, a target telephone number from the list of

telephone numbers; and

associating identification information with the calling party.

\$1.95  
CALL based  
DN/caller  
ID

a4  
cont

DA/c  
SERVICE